

AMENDED CLAIM SET:

1. (currently amended) In a yoke component comprising a low carbon steel configured as a magnetic circuit of a voice coil motor for a hard disk drive, wherein said yoke component has a finely machined portion comprising a ridge line, the improvement comprising the absence of any burr of 0.1 mm or greater in thickness on any ridge line of said finely machined portion of said yoke component, due to said yoke component being polished by a barrel polishing treatment followed by an abrasive grain fluidization treatment, a thermal deburring treatment, a magnetic polishing treatment, an ultrasonic deburring treatment, or a water jet deburring treatment.

2. – 5. (cancelled).

6. (currently amended) A voice coil motor for a hard disk drive, comprising: a yoke component, made from a low carbon steel, configured as a magnetic circuit of said voice coil motor, wherein said yoke component is polished by a barrel polishing treatment followed by an abrasive grain fluidization treatment, a thermal deburring treatment, a magnetic polishing treatment, an ultrasonic deburring treatment, or a water jet deburring treatment, so that said yoke component has on any ridge line of a finely machined portion thereof no burr of 0.1 mm or greater in thickness.

7. – 9. (cancelled).

10. (currently amended) A yoke component comprising a low carbon steel configured as a magnetic circuit of a voice coil motor for a hard disk drive, wherein said yoke component is polished by a barrel polishing treatment followed by an abrasive grain fluidization treatment, a thermal deburring treatment, a magnetic polishing treatment, an ultrasonic deburring treatment, or a water jet deburring treatment, so that said yoke component has no burr on any ridge line of a finely machined portion thereof.

11. (currently amended) A voice coil motor for a hard disk drive, comprising: a yoke component, made from a low carbon steel, configured as a magnetic circuit of said voice coil motor, wherein said yoke component is polished by a barrel polishing treatment followed by an abrasive grain fluidization treatment, a thermal deburring treatment, a magnetic polishing treatment, an ultrasonic deburring treatment, or a water jet deburring treatment, so that said yoke component has no burr on any ridge line of a finely machined portion thereof.

12. – 13. (cancelled).

14. (new) A voice coil motor for a hard disk drive, comprising: a yoke component, made from a low carbon steel, configured as a magnetic circuit of said voice coil motor, wherein said yoke component has on any ridge line of a finely machined portion thereof no shearing burr or whisker-like burr of 0.1 mm or greater in thickness.

15. (new) A yoke component comprising a low carbon steel configured as a magnetic circuit of a voice coil motor for a hard disk drive, wherein said yoke component has no shearing burr or whisker-like burr on any ridge line of a finely machined portion thereof.